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PCT09

RAW SEQUENCE LISTING   DATE: 09/13/2001
PATENT APPLICATION: US/09/674,479   TIME: 17:20:55

Input Set : A:\Cml758ml.app
Output Set: N:\CRF3\09132001\I674479.raw

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 3 <110> APPLICANT: THE PROCTER & GAMBLE COMPANY
 5 <120> TITLE OF INVENTION: LAUNDRY DETERGENT AND/OR FABRIC CARE COMPOSITIONS
 6         COMPRISING A MODIFIED CELLULASE
 8 <130> FILE REFERENCE: ENDOLASE - EGI
10 <140> CURRENT APPLICATION NUMBER: 09/674,479
11 <141> CURRENT FILING DATE: 2000-11-01
13 <150> PRIOR APPLICATION NUMBER: PCT/US98/08903
14 <151> PRIOR FILING DATE: 1998-05-01
16 <150> PRIOR APPLICATION NUMBER: PCT/US99/09481
17 <151> PRIOR FILING DATE: 1999-04-30
19 <160> NUMBER OF SEQ ID NOS: 1
21 <170> SOFTWARE: PatentIn Ver. 2.1
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 415
25 <212> TYPE: PRT
26 <213> ORGANISM: Humicola insolens or Trichoderma resei
28 <400> SEQUENCE: 1
29 Gln Lys Pro Gly Glu Thr Lys Glu Val His Pro Gln Leu Thr Thr Phe
30   1               5                  10                  15
32 Arg Cys Thr Lys Arg Gly Gly Cys Lys Pro Ala Thr Asn Phe Ile Val
33          20                  25                  30
35 Leu Asp Ser Leu Ser His Pro Ile His Arg Ala Glu Gly Leu Gly Pro
36              35                  40                  45
38 Gly Gly Cys Gly Asp Trp Gly Asn Pro Pro Lys Asp Val Cys Pro
39      50                  55                  60
41 Asp Val Glu Ser Cys Ala Lys Asn Cys Ile Met Glu Gly Ile Pro Asp
42  65                  70                  75                  80
44 Tyr Ser Gln Tyr Gly Val Thr Thr Asn Gly Thr Ser Leu Arg Leu Gln
45              85                  90                  95
47 His Ile Leu Pro Asp Gly Arg Val Pro Ser Pro Arg Val Tyr Leu Leu
48              100                 105                 110
50 Asp Lys Thr Lys Arg Arg Tyr Glu Met Leu His Leu Thr Gly Phe Glu
51          115                 120                 125
53 Phe Thr Phe Asp Val Asp Ala Thr Lys Leu Pro Cys Gly Met Asn Ser
54      130                 135                 140
56 Ala Leu Tyr Leu Ser Glu Met His Pro Thr Gly Ala Lys Ser Lys Tyr
57 145             150                 155                 160
59 Asn Ser Gly Gly Ala Tyr Tyr Gly Thr Gly Tyr Cys Asp Ala Gln Cys
60              165                 170                 175
62 Phe Val Thr Pro Phe Ile Asn Gly Leu Gly Asn Ile Glu Gly Lys Gly
63              180                 185                 190
65 Ser Cys Cys Asn Glu Met Asp Ile Trp Glu Val Asn Ser Arg Ala Ser
66          195                 200                 205
68 His Val Val Pro His Thr Cys Asn Lys Lys Gly Leu Tyr Leu Cys Glu
69      210                 215                 220
71 Gly Glu Glu Cys Ala Phe Glu Gly Val Cys Asp Lys Asn Gly Cys Gly
72 225             230                 235                 240
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PATENT APPLICATION: US/09/674,479   TIME: 17:20:55

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 74 Trp Asn Asn Tyr Arg Val Asn Val Thr Asp Tyr Tyr Gly Arg Gly Glu
 75             245             250             255
 77 Glu Phe Lys Val Asn Thr Leu Lys Pro Phe Thr Val Val Thr Gln Phe
 78             260             265             270
 80 Leu Ala Asn Arg Arg Gly Lys Leu Glu Lys Ile His Arg Phe Tyr Val
 81         275             280             285
 83 Gln Asp Gly Lys Val Ile Glu Ser Phe Tyr Thr Asn Lys Glu Gly Val
 84     290             295             300
 86 Pro Tyr Thr Asn Met Ile Asp Asp Glu Phe Cys Glu Ala Thr Gly Ser
 87 305             310             315                 320
 89 Arg Lys Tyr Met Glu Leu Gly Ala Thr Gln Gly Met Gly Glu Ala Leu
 90             325             330             335
 92 Thr Arg Gly Met Val Leu Ala Met Ser Ile Trp Trp Asp Gln Gly Gly
 93             340             345             350
 95 Asn Met Glu Trp Leu Asp His Gly Glu Ala Gly Pro Cys Ala Lys Gly
 96         355             360             365
 98 Glu Gly Ala Pro Ser Asn Ile Val Gln Val Glu Pro Phe Pro Glu Val
 99     370             375             380
101 Thr Tyr Thr Asn Leu Arg Trp Gly Glu Ile Gly Ser Thr Tyr Gln Glu
102 385             390             395                 400
104 Val Gln Lys Pro Lys Pro Lys Pro Gly His Gly Pro Arg Ser Asp
105             405             410             415
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VERIFICATION SUMMARY
PATENT APPLICATION: **US/09/674,479**

DATE: 09/13/2001
TIME: 17:20:56

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